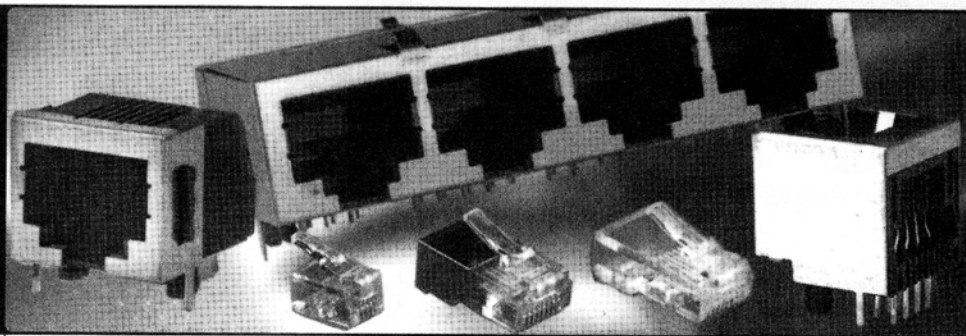


Modular Jacks and Plugs



5
CONNECTORS

KYCON Continues its leadership in Modular Jacks and Plugs by offering a complete line of sizes and options.



**Right Angle
Modular
Jacks**

GM - .450" Height
GM-SMT2 - .450" Height
GS - .492" Height
GDL - .492" Height
GL - .570" Height
GDA - .595" Height
GDB - .755" Height



Perpendicular

GDP



Ganged Jacks

GSG - .492" Height
GA/GP - .606" Height



Modular Plugs

MP Series

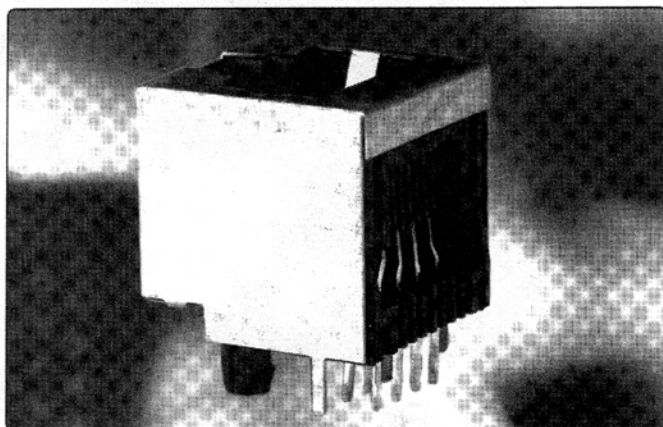
Features



- Applications Include Computer Peripherals, Data Processing, Telecommunications, Industrial Controls, and Local Area Networks
- All Stamped Pins Are Phosphor Bronze for Superior Contact Retention
- Designs Meet UL 1863 Sec. 8 Electrical Probe and Sec. 20 Child Finger Test Requirements
- Mates with W.E. Co. and FCC 68 Plugs
- Conforms to FCC Requirements Under #47 CFR Part 68 Subpart F with 50 Micro Inch Gold Plating on Pins
- Options Available in Standard Through Hole and Surface Mount Designs
- Options Available Partially and Fully Shielded For EMI/RFI Protection and Category 5 Applications
- UL Recognized File No. E134345
- CSA/NRTL Certified File No. LR78160

Modular Jack Options

Series	GM	GM-SMT2	GS	GDL	GL	GDA	GDB	GDP	GSG	GA	GP
Standard Through Hole	•		•	•	•	•	•	•	•	•	•
SMT		•		•							
Shielded	•	•	•	•				•	•		
Keyed				•		•	•	•			
Panel Stops				•	•	•		•		•	•
Category 5			•						•		
4P4C	•	•			•	•	•	•			
6P4C	•	•		•	•	•	•	•		•	•
6P6C	•	•		•	•	•	•	•		•	•
8P8C	•	•	•	•	•	•	•	•	•	•	•
10P10C	•	•			•						



GDP Series Perpendicular Modular Jack

Features

- For Top Entry
- Panel Stops, Shielding and Keying Options Available
- Available In 4, 6, and 8 Position Housings
- UL Recognized File No. E134345
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing Material

Polyester (UL 94V-0) Rated Material, Black Color

Contact Material

Phosphor Bronze

Plating Options

Designator	Plating Description
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F

Electrical Characteristics

Insulation Resistance

500 Megohms Min

Dielectric Withstanding Voltage

1000 Volts RMS, 60 Hz AC for 1 Minute

Contact Resistance

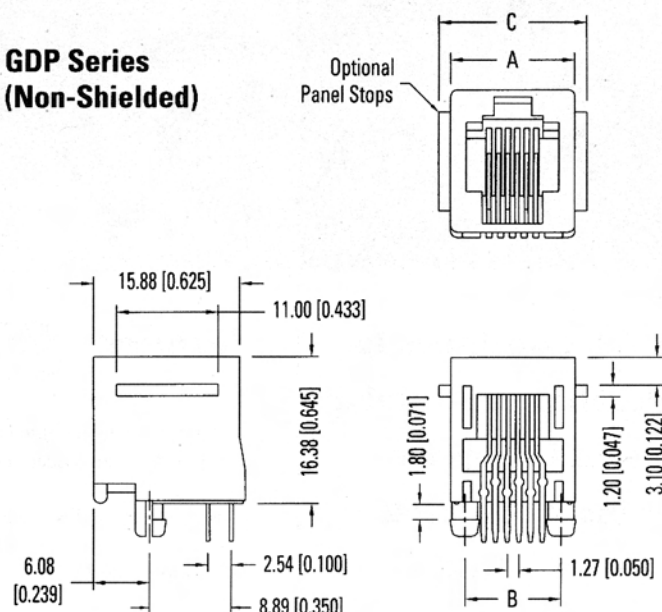
20 Milliohms Max

Current Rating

1.5 Amps

GDP Series Non Shielded Dimensions

GDP Series (Non-Shielded)

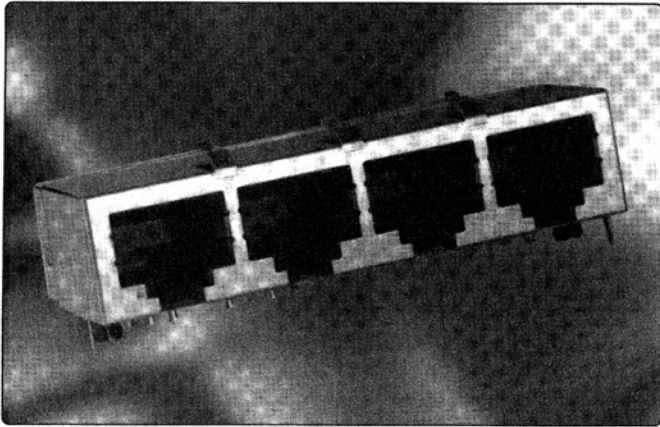


Recommended PCB Layout (Top View)

Ordering Information

Dimensions in mm [In]

Part Number	Description	A	B	C	D
GD-PA-44	Panel Stops, 4 Position, 4 Contacts	11.40	7.62	13.80	3.81
GD-PA-64	Panel Stops, 6 Position, 4 Contacts	13.40	10.16	15.80	3.81
GD-PA-66	Panel Stops, 6 Position, 6 Contacts	13.40	10.16	15.80	6.35
GD-PA-88	Panel Stops, 8 Position, 8 Contacts	15.50	11.43	17.90	8.89
GD-PA-88K	Panel Stops, Keyed, 8 Position, 8 Contacts	15.50	11.43	17.90	8.89
GD-PN-44	No Panel Stops, 4 Position, 4 Contacts	11.40	7.62		3.81
GD-PN-64	No Panel Stops, 6 Position, 4 Contacts	13.40	10.16		3.81
GD-PN-66	No Panel Stops, 6 Position, 6 Contacts	13.40	10.16		6.35
GD-PN-88	No Panel Stops, 8 Position, 8 Contacts	15.50	11.43		8.89
GD-PN-88K	No Panel Stops, Keyed, 8 Position, 8 Contacts	15.50	11.43		8.89



GSG Series Right Angle Gang Jack (0.492" Height)

Features



- Available in up to 8 Ports
- Available Fully Shielded for Category 5 Applications
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish



Housing Material

GSG - PBT, Glass Filled, UL94V-0 Rated, Black Color

Shield

Copper Alloy, Tin Plated

Contact Material

Phosphor Bronze

Electrical Characteristics

Insulation Resistance

500 Megohms Min

Dielectric Withstanding Voltage

1000 Volts RMS for 1 minute

Contact Resistance

20 Milliohms Max

Current Rating

1.5 Amps

Electrical Performance

Category 5 100MHz bandwidth performance.

Attenuation @ 100MHz less than 0.13dB.

Performance meets Near End Crosstalk (NEXT)

requirements of -40dB @ 100MHz per EIA/TIA 568A

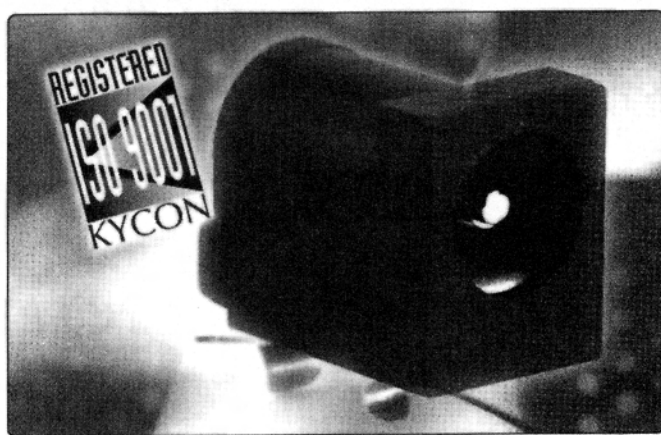
in applications where UL approved Category 5 cable

(GA27-3773-1) is used.

Shielded types offer 20dB shielding from 30MHz to 300MHz

Ordering Information

GSG	-	NS	-	4	-	8	-	8	-	-	-
Series		Shield Option		No. of Ports		Size of Ports		No. of Contacts		Ground Pin Spacing	Plating Options
Series GSG - Right Angle Gang Jack P.C. Mount											
Shield Options N - Non-Shielded NS - Shielded Several different Ground Pin and Ground Tab Options available. Contact Factory for Specifications											
Number of Ports 2, 4, 5, 6, 8											
Size of Ports 8 - 8 Opening											
Number of Contacts 8 - 8 Contacts											
Ground Pin Spacing (Shielded Only) 3.68 - 3.68mm Standard 4.57 - 4.57mm (4 and 8 port)											
Plating Options											
Designator	Plating Description										
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area										
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F										



**KLD Series PCB Mount
DC Power Jack
2.0mm and 2.5mm**

Features

- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications



Materials and Finish

Plastic Housing: PBT UL 94V-0 Rated 
Center Pin: Brass, Tin Plated
Pin 1: Phosphor Bronze, Tin Plated
Pin 2 and 3: Brass, Tin Plated

Electrical Characteristics

Contact Resistance

Before Durability Test
 Between Terminals: 30 Milliohms Max.
 Plug to Contacts: 50 Milliohms Max.
After Durability Test
 Between Terminals: 60 Milliohms Max.
 Plug to Contacts: 100 Milliohms Max.
Rated Voltage: DC 24V
Rated Current: 3.5 Amps
Insulation Resistance: 50 Megohms Min.

Mechanical Characteristics

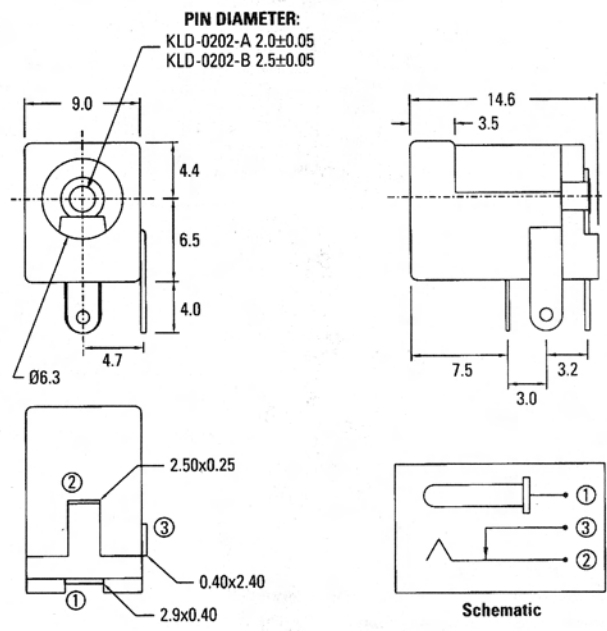
Durability Test: 5000 Cycles
Insertion Force: 0.3kg - 2.0kg
Extraction Force: 0.3kg - 2.0kg
Operating Temperature: -25°C to +70°C

Ordering Information

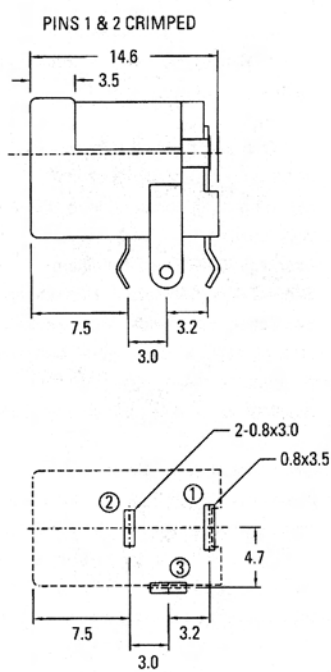
Part Number*	Inner Pin Diameter	Lead Style
KLD-0202-A	2.0mm±0.05	Straight
KLD-0202-AC	2.0mm±0.05	Crimped
KLD-0202-B	2.5mm±0.05	Straight
KLD-0202-BC	2.5mm±0.05	Crimped

KLD Series Dimensions

KLD-0202-A, KLD-0202-B



KLD-0202-AC, KLD-0202-BC



**Recommended PCB Layout
(Top View)**

Dimensions in mm

*Also available - KLD-HT Reflow Compatible
 Contact factory for specifications. 888-KYCON-22